

Gasoline Direct Injection Market (By Component: Fuel Injection, Fuel Pump, Sensors, and ECU; By Vehicle Type: Passenger Cars, Light Commercial Vehicles, and Heavy Commercial Vehicles; By Geography: North America, Europe, Asia-Pacific, and Row) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024

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Abstracts

Gasoline Direct Injection Market (By Vehicle Type: Light Commercial Vehicles, Heavy Commercial Vehicles And Passenger Cars; By Component: Fuel Pump, Fuel Injection, ECU, Sensors And Others; By Geography: North America, Europe, Asia-Pacific And Row) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024

Global Gasoline Direct Injection Market is estimated to reach \$10,771 million by 2024 with CAGR of 18.3% between 2016 and 2024. Gasoline direct injection (GDI) is a system that sprays the gasoline directly on the combustion chamber, through a fuel line. Gasoline engines utilizes only mixture of thin air & fuel or vaporized fuels to function efficiently. They are highly used in two-stroke and four-stroke gasoline engines. Stringent rules & regulations by various government bodies on greenhouse emission and need for fuel efficiency have led to numerous research by vehicle manufacturers for designing an efficient engine. GDI system along with turbocharging is most commonly used as a cost-effective system for gasoline engines. The benefits of gasoline direct injection are fuel efficiency, reduced carbon emission, better knock resistant, high torque & horsepower and others.

Rising rules & regulations on greenhouse gas emission and growing adoption of automotive GDI are supporting the growth of the gasoline direct injection market.

Moreover, rising need for high performance and fuel efficient vehicles also fuels the growth of the market. Nevertheless, R&D on latest technologies and latest GDI systems for hybrid vehicles is likely to provide market opportunities in forecast period. Though, increasing penetration of electric vehicles and high cost of GDI systems might restrain the growth of the market.

The global gasoline direct injection market is categorized on the basis of vehicle type, component and geography. By vehicle type, the market is segmented into light commercial vehicles, heavy commercial vehicles and passenger cars. Furthermore, by component, it is segmented into fuel pump, fuel injection, ECU, sensors and others.

By geography the market is segmented into North America, Europe, Asia-Pacific and rest of the world (RoW). The U.S., Canada and Mexico are covered under North America wherein Europe covers U.K., Germany, France, Italy and others. Asia-Pacific covers China, India, Japan, South Korea and others. Rest of the World (RoW) covers South America, Middle East and Africa.

Key market players include Infineon Technologies AG, Bajaj Auto Ltd., Hitachi Automotive Systems, Ltd., Delphi Automotive LLP., Mitsubishi Electric Corp., MSR-Jebesen Technologies, Robert Bosch GmbH, Eaton Corporation, Continental AG and Keihin Corporation, among others.

THE KEY TAKEAWAYS FROM THE REPORT

The report will provide detailed analysis of Gasoline Direct Injection Market with respect to major segments such as vehicle type and component of the market

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Gasoline Direct Injection market will be included in the report

Profile of key players of the Gasoline Direct Injection market, which include key

financials, product & services and new developments

Scope of Gasoline Direct Injection Market

Vehicle Type Segments

Light Commercial Vehicles

Heavy Commercial Vehicles

Passenger Cars

Component Segments

Fuel Pump

Fuel Injection

ECU

Sensors

Others

Geography Segments

North America

US

Canada

Mexico

Europe

France

Germany

Italy

U.K.

Others

Asia-Pacific

Australia

China

Japan

India

Others

RoW

South America

Middle East

Africa

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